

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA)

NR Architectural Products 4348 Westroads Drive West Palm Beach, FL 33407

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "6001" Aluminum Sliding Glass Doors – S.M.I.

APPROVAL DOCUMENT: Drawing No. **AD12-04,** titled "Series 6001 Alum Sliding Glass Doors – SMI", sheets I through 7 of 7, dated MAR 08, 2012, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P. E., bearing the Miami–Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 09-0407.06 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P.E.

(MIAMIDADE COUNTY)

J. 6.4500

NOA No 12-0416.03 Expiration Date: April 03, 2018 Approval Date: August 09, 2012

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (submitted under file # 09-0407.06)
- 2. Drawing No. **AD12-04**, titled "Series 6001 Alum Sliding Glass Doors SMI", sheets 1 through 7 of 7, dated MAR 08, 2012, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
- B. TESTS (submitted under file # 09-0407.06)
 - 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked—up drawings and installation diagram of an alum sliding Glass door, prepared by Hurricane Testing Laboratory, LLC, Test Report No. HTL 0242–0517–07 (SM140), dated 10/17/07, signed and sealed by Vinu J. Abraham, P. E.

C. CALCULATIONS (submitted under file # 09-0407.06)

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 11/27/07 and revised on 02/25/09, signed and sealed by late Dr. Humayoun Farooq, P. E.
- 2. Glazing complies w/ ASTME-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont's Butacite PVB Interlayer", expiring on 12/11/16.
- 2. Notice of Acceptance No. 11-0325.05 issued to Solutia, Inc. for their "Saflex clear & color Interlayer", expiring on 05/21/16.
- 3. TREMCO's EPDM gasket (part# TR-1427) complying w/ ASTMC864, ASTMD-412, ASTMD395D and ASTMD 624.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2010 and letter of no financial interest dated March 08, 2012, prepared prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
- 2. Statement letter dated March 01, 2012, of Succeeding Engineer adopting another Engineer's work as her own and responsibilities per Florida Administrative Code, section 61G15-27.001, signed and sealed by Yiping Wang, P.E.
- 3. Statement letter of conformance to FBC 2007 and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/27/09, signed and sealed by late Dr. Humayoun Farooq, P.E. (submitted under file # **09-0407.06**)
- 4. Lab compliance as part of the above referenced test report.

G. OTHER

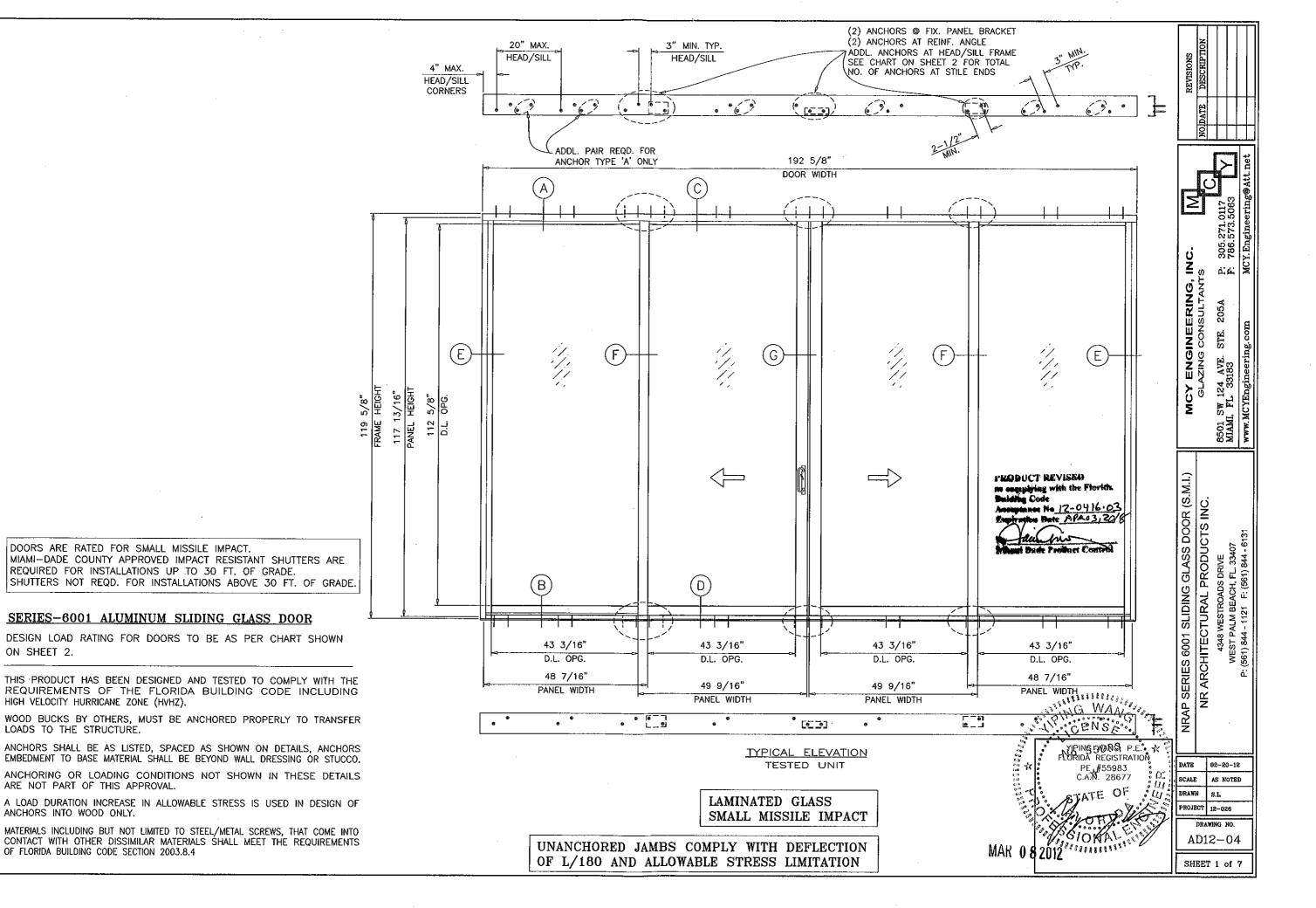
1. This NOA revises & renews NOA # 09-0407.06, expiring on April 03, 2013.

Jaime D. Gascon, P.E.
Product Control Section Supervisor

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NOA No 12-0416.03

Expiration Date: April 03, 2018 Approval Date: August 09, 2012

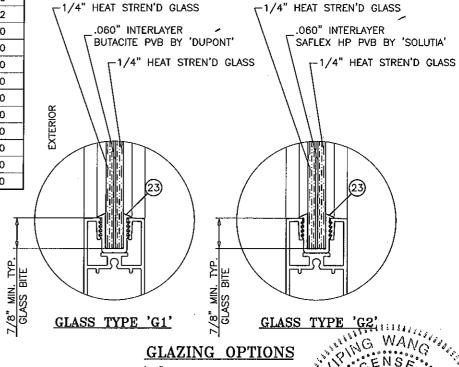


DESIGN LOAD CAPACITY - PSF													
		ANCHORS TYPE 'A'			ANCHORS TYPE 'B'			ANCHORS TYPE 'C'			ANCHORS TYPE 'D'		
	;	4 ANCHORS	5 ANCHORS	6 ANCHORS	2 ANCHORS	3 ANCHORS	4 ANCHORS	2 ANCHORS	3 ANCHORS	4 ANCHORS	3 ANCHORS	4 ANCHORS	5 ANCHORS
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. ()	EXT. (+) INT. (-)								
36	80	117.2	140.0	140.0	137.7	140.0	140.0	140.0	140,0	140.0	140.0	140.0	140.0
42		105.5	131.9	140.0	124.0	140.0	140.0	140.0	140.0	140.0	131.1	140.0	140.0
48		97.3	121.6	140.0	114.3	140.0	140.0	140.0	140.0	140.0	120.9	140.0	140.0
54		91.4	114.2	137.1	107.4	140.0	140.0	132.8	140.0	140.0	113.5	140.0	140.0
60		87.2	109.0	130.8	102.4	138.6	138.6	126.7	138.6	138.6	108.3	140.0	140.0
36	84	110.1	137.6	140.0	129.3	140.0	140.0	140.0	140.0	140.0	136,7	140.0	140.0
42		98.8	123.5	140.0	116.1	140.0	140.0	140.0	140.0	140.0	122.8	140.0	140.0
48		90.8	113.5	136.2	106.7	140.0	140.0	132.0	140.0	140.0	112.8	140.0	140.0
54		85.0	106.2	127.4	99.8	140.0	140.0	123.5	140.0	140.0	105.5	140.0	140.0
60	[80.7	100.0	100.0	94.8	100.0	100.0	117.3	100.0	100.0	100.0	100.0	100.0
36		100.9	126.1	140.0	118.6	140.0	140.0	140.0	140.0	140.0	125.3	140.0	140.0
42		90.2	112.8	135.4	106.0	140.0	140.0	131.2	140.0	140.0	112.1	140.0	140.0
48	90	82.5	103.2	123.8	97.0	140.0	140.0	120.0	140.0	140.0	102.5	136.7	140.0
54		76.9	96,1	115.3	90.3	135.5	140.0	111.7	140.0	140.0	95.5	127.3	140.0
60		72.6	90.8	100.0	85.4	100.0	100.0	105.6	100.0	100.0	90.2	100.0	100.0
36		93.1	116.4	139.7	109.4	140.0	140.0	135.4	140.0	140.0	115.7	140.0	140.0
42	-	83.0	103.8	124.5	97.6	140.0	140.0	120.7	140.0	140.0	103.1	137,5	140.0
48	96	75.7	94.6	113.5	88.9	133.4	140.0	110.0	140.0	140.0	94.0	125.3	140.0
54		70,2	87.7	100.0	82.5	100.0	100.0	102.0	100.0	100.0	87.2	100.0	100.0
60		66.0	82.5	99.1	77.6	100,0	100.0	96.0	100.0	100.0	82.0	100.0	100.0
36		86.5	108.1	129.7	101.6	140.0	140.0	125.7	140.0	140.0	107.4	140.0	140.0
42	102	76.9	96.1	115.3	90.3	135.5	140.0	111.7	140.0	140.0	95.5	127.3	140.0
48	}	69.8	87.3	104.8	82.1	123.2	133.2	101.5	133.2	133.2	86.8	115.7	133.2
54		64.6	80.7	96.9	75.9	100.0	100.0	93.9	100.0	100.0	80.2	100.0	100.0
36		80.7	100.0	100.0	94.8	100.0	100.0	117.3	100.0	100.0	100.0	100.0	100.0
42	108	71.6	89.5	100.0	84.1	100.0	100.0	104.0	100.0	100.0	88.9	100.0	100.0
48		64.9	81.1	97.3	76.2	100.0	100.0	94.3	100.0	100.0	80.6	100.0	100.0
36	114	75.7	94.6	100.0	88.9	100.0	100.0	110.0	100.0	100.0	94.0	100.0	100.0
42		66.9	83.7	100.0	78.7	100.0	100.0	97.3	100.0	100.0	83.2	100.0	100.0
48		60.5	75.7	90.8	71.1	100.0	100.0	88.0	100.0	100.0	75.2	100.0	100,0
36	120	71.2	89.0	100.0	83.7	100.0	100.0	103.5	100.0	100.0	85.5	100.0	100.0
42		62.9	78.6	94.3	73.9	100.0	100.0	91.4	100.0	100.0	78.1	100.0	100.0
48		56.8	70.9	85.1	66.7	100.0	100.0	82.5	100.0	100.0	70.5	94.2	100.0

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

DOOR WIDTH PANEL WIDTH NOMINAL == NUMBER OF PANELS

D.L. OPENING D.L.O. HEIGHT = PANEL HEIGHT - 5.1875" D.L.O. WIDTH FIX. PANEL = PANEL WIDTH - 5.250" D.L.O. WIDTH MOV. PANEL = PANEL WIDTH - 6.375"



GLAZING OPTIONS 9/16" OVERALL LAMINATED GLASS.

PRODUCT REVISED

MAR 0 8 2012

NRAP SERIES 6001 SLIDING GLASS DOOR (S.M.I.)
NR ARCHITECTURAL PRODUCTS INC. 02-20-12 SCALE AS NOTED DRAWN S.L. PROJECT 12-028

MCY ENGINEERING, INC. GLAZING CONSULTANTS

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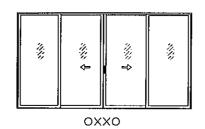
8501 SW 124 AVE. MIAMI, FL 33183

DRAWING NO. AD12-04

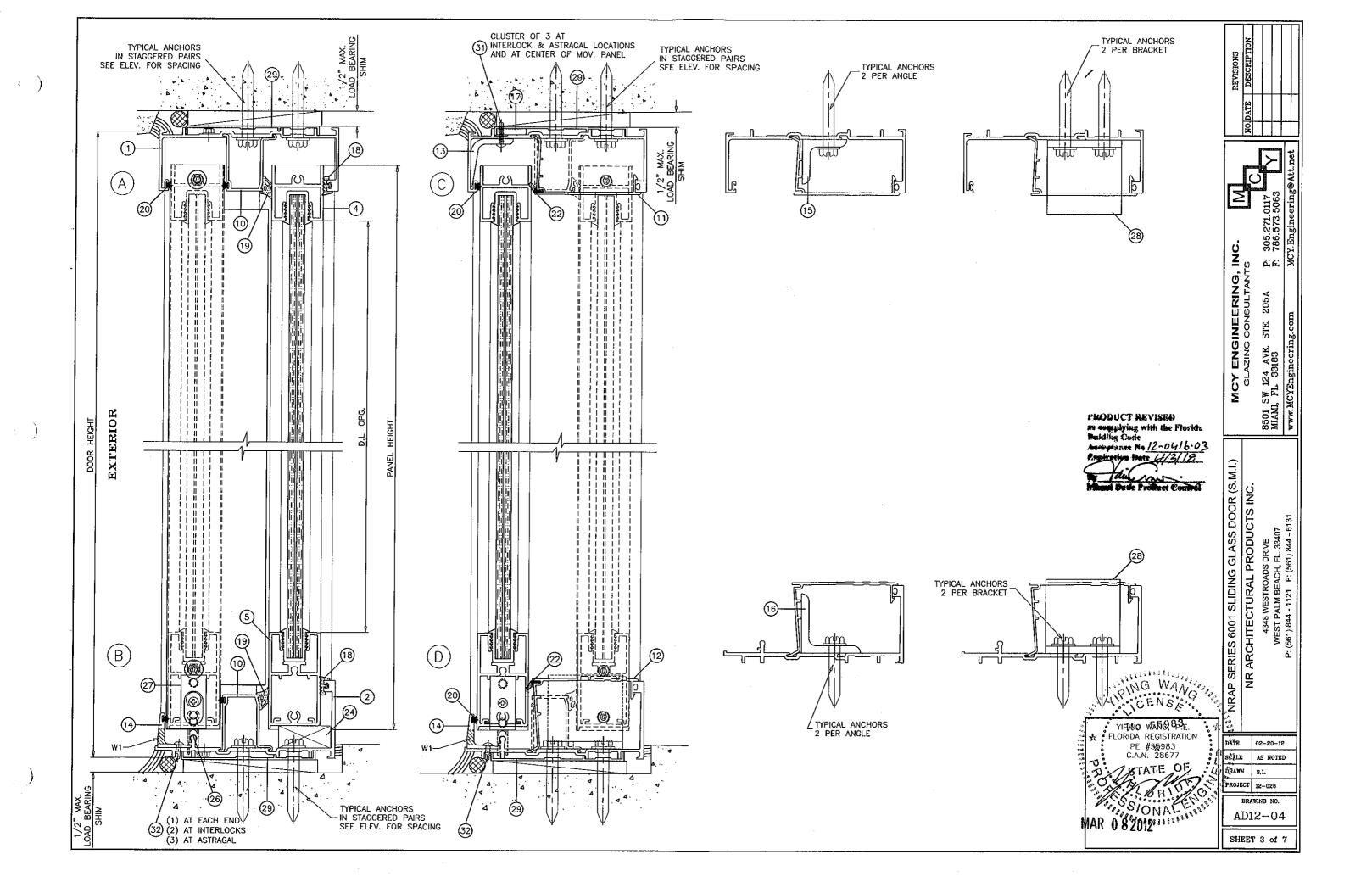
SHEET 2 of 7

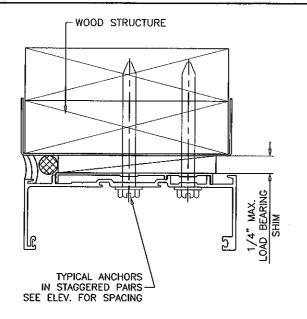
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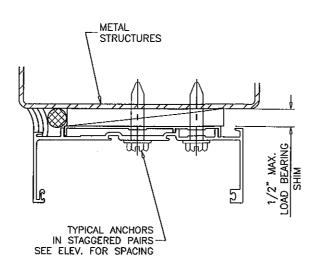
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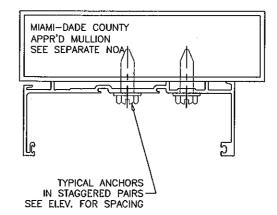


APPROVED CONFIGURATIONS









WOOD BUCKS AND METAL STRUCTURES NOT BY N.R. WDW. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'- 3/8" DIA, LAG SCREWS (Fy = 45 KSI)

INTO WOOD STRUCTURES

WITH 2-1/4" MIN. PENETRATION INTO WOOD

TYPE 'B'- 3/8" DIA. POWERS WEDGE-BOLT ANCHOR

DIRECTLY INTO CONCRETE (fc' = 3000 PSI MIN.) WITH 1-1/2" MIN. EMBED INTO CONC.

TYPE 'C'- 3/8" DIA. SCREWS GRADE 5

INTO METAL STRUCTURES

STEEL: 1/4" THK. MIN. (Fy = 36 KSI MIN.) ALUMINUM : 1/4" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D'- 5/16" DIA. TAPCON BY 'ITW' (Fu = 120 KSI, Fy = 92 KSI)

INTO WOOD STRUCTURES

WITH 2-1/4" MIN. PENETRATION INTO WOOD

ANCHOR EDGE DISTANCES

INTO CONCRETE = 3" MIN.

INTO WOOD STRUCTURE = 1-1/2" MIN.

A INTO METAL STRUCTURE = 1" MIN.

SEALANTS:

ALL FRAME CORNERS AND JOINTS SEALED WITH DOW-795 OR TREMCO SPECTREM 2 SILICONE SEALANT.

WEEPHOLES:

W1 = 1-1/2" X 1/2" WEEP SLOTS

- (1) AT CENTER OF EACH PANEL
- (1) AT EACH SIDE OF INTERLOCK
- (1) AT ASTRAGAL STILE

PRODUCT REVISED as complying with the Florid **Buiding Code**

NRAP "YIPING WANG J.E.
"FLORUDA RESISTRATION PE #55983 ŞÇALE PROJECT DRAWING NO. AD12-04

MCY ENGINEERING, INC. GLAZING CONSULTANTS P SERIES 6001 SLIDING GLASS DOOR (S.M.I.) NR ARCHITECTURAL PRODUCTS INC.

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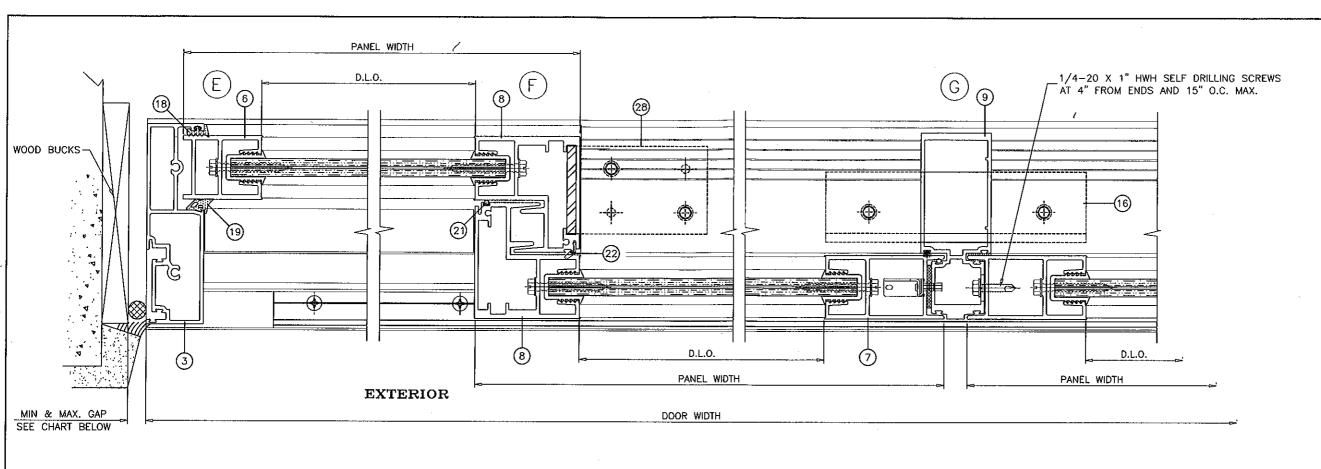
SHEET 4 of 7

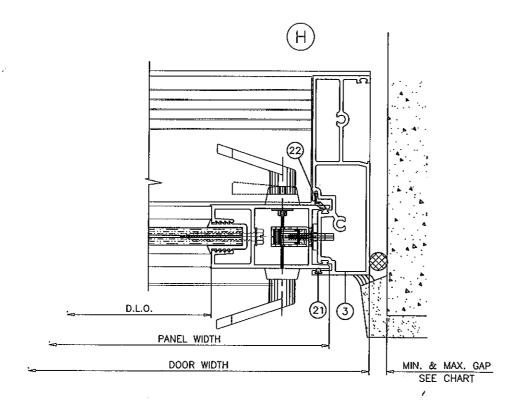
02-20-12

AS NOTED

S.L

12-026





1)

•)

MAX. FRAME

HEIGHT

114"

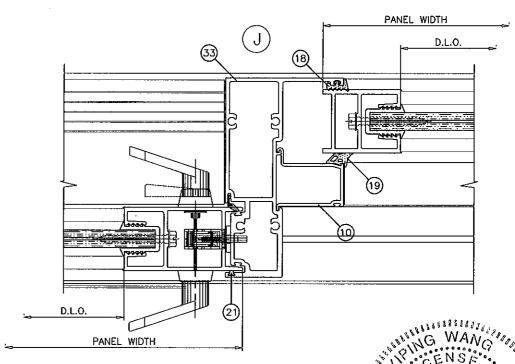
MAX.

1/2"

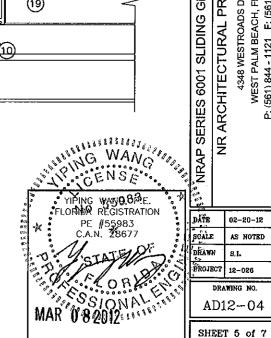
MIN.

3/8"

119 5/8" 1/2" 3/4"



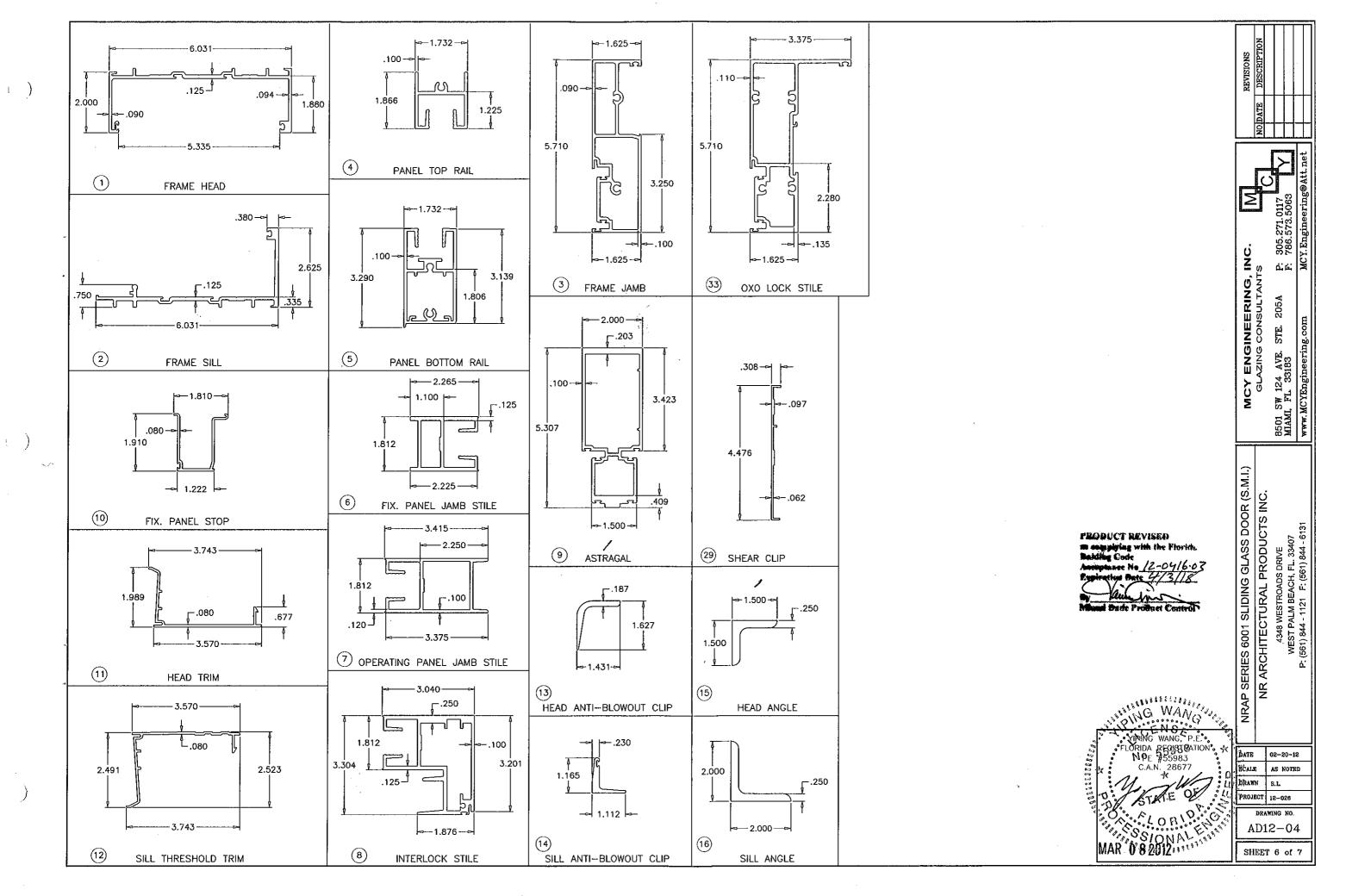
PRODUCT REVISED



MCY ENGINEERING, INC. GLAZING CONSULTANTS

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8501 SW 124 AVE. STE. 205A MIAMI, FL. 33183



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